

Title (en)  
ESTERIFICATION UNIT FOR PRODUCING CRUDE METHYL METHACRYLATE, ESTERIFICATION PROCESS USING SAID UNIT AND PLANT COMPRISING SAID UNIT

Title (de)  
VERESTERUNGSEINHEIT ZUR HERSTELLUNG VON ROHEM METHYLMETHACRYLAT, VERESTERUNGSVERFAHREN MIT DIESER EINHEIT UND ANLAGE MIT DIESER EINHEIT

Title (fr)  
UNITÉ D'ESTÉRIFICATION POUR LA PRODUCTION DE MÉTHACRYLATE DE MÉTHYLE BRUT, PROCÉDÉ D'ESTÉRIFICATION FAISANT APPEL À LADITE UNITÉ ET INSTALLATION COMPRENANT LADITE UNITÉ

Publication  
**EP 3057932 B1 20220622 (EN)**

Application  
**EP 14786866 A 20141017**

Priority  

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- EP 2014072366 W 20141017

Abstract (en)  
[origin: WO2015055842A1] The invention relates to an esterification unit (150) and esterification process for producing crude methyl methacrylate (MMA) from methacrylamide (MAM), which enable particularly to improve the yield, meaning that the organics spent acids are low; and at the same time, providing crude MMA with rather good quality, meaning that MMA concentration in crude MMA is rather high and preferably from 50wt% to 80wt%. According to the invention, the esterification unit comprises esterification reactors (1,..., 5 (or 6) set up in a serial way so that there is a counter current flow between gaseous phase and liquid phase, the liquid phase flowing from first reactor (1) of the series to last reactor (5 (or 6)), and the gaseous phase flowing from reactor to first reactor (1).

IPC 8 full level  
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Citation (examination)  

- JP H01283254 A 19891114 - KYOWA GAS CHEM IND CO LTD
- EP 0945423 B1 20030528 - MITSUBISHI GAS CHEMICAL CO [JP]

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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